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Serial No. 09/755,349

Atty. Docket No. 9038-120000

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-10 (canceled).

Claim 11 (currently amended). A system for cleaning a structure comprising:

a cleaning gas source;

a liquid source;

a mixing chamber having a first inlet, a second inlet and an outlet, said first inlet being connected to said cleaning gas source and said second inlet being connected to said liquid source, said second inlet including a spray head for spraying liquid droplets into said mixing chamber; and

means for coupling said outlet of said mixing chamber to the structure, wherein the combination of said cleaning gas and said liquid droplets is directed to one or more internal surfaces of the structure to be cleaned in a sheeting manner.

Claim 12 (currently amended). The system of claim 11 further comprising a first control valve located between said cleaning gas source and said first inlet and a second control valve located between said liquid source and said second inlet mixing chamber.

Claim 13 (previously presented). The system of claim 12 further comprising a filter for receiving said cleaning gas and a heater coupled between said filter and said first inlet.

Claim 14 (original). The system of claim 11 further comprising a heat exchanger for receiving the combination of said cleaning gas and said liquid

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droplets with particulate from the structure and condensing said liquid and the particulate from said cleaning gas.

Claim 15 (original). The system of claim 14 further comprising a filter coupled to said heat exchanger for separating the particulate from said liquid.

Claim 16 (original). The system of claim 15 further comprising a rotameter coupled to said filter for receiving and measuring a quantity of said liquid.

Claim 17 (previously presented). The system of claim 16 further comprising a gas return duct for returning gas from said heat exchanger to said first inlet and a liquid return duct for returning liquid from said rotameter to said second inlet.

Claim 18 (original). The system of claim 11 wherein said cleaning gas is ambient air and said liquid is water.

Claim 19 (previously presented). The system of claim 11 wherein the structure is a gas turbine bucket.

Claim 20 (new). The system of claim 12 further comprising a first controller for controlling said first control valve and a second controller for controlling said second control valve.